

Name: _____

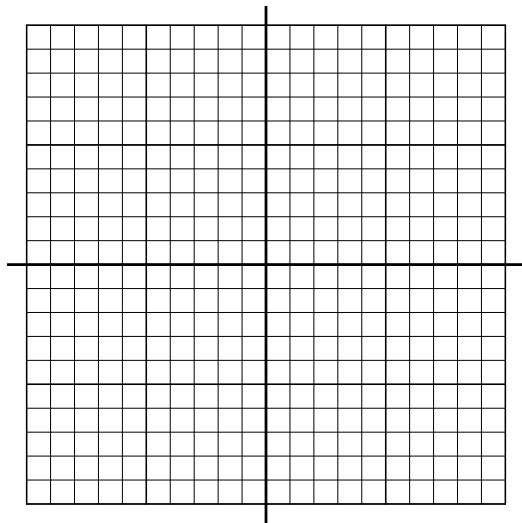
Date: _____

PCW__09__29: Graph Parent Translations (version 0)

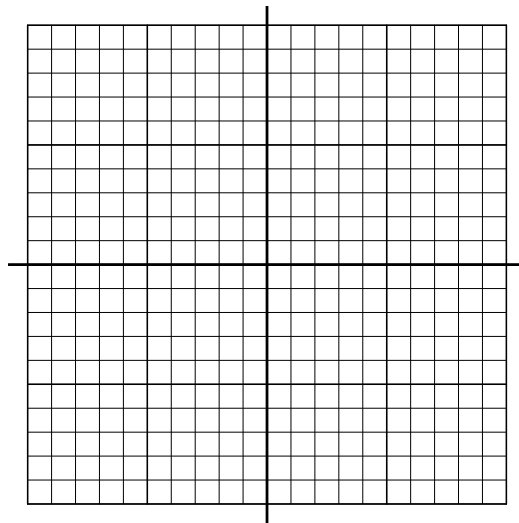
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

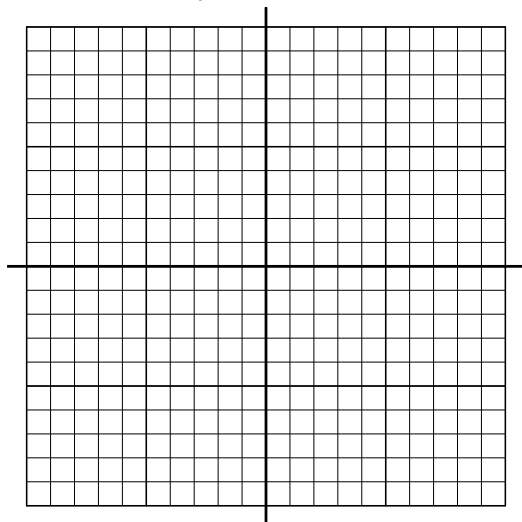
$$y = (x - 3)^3 - 4$$



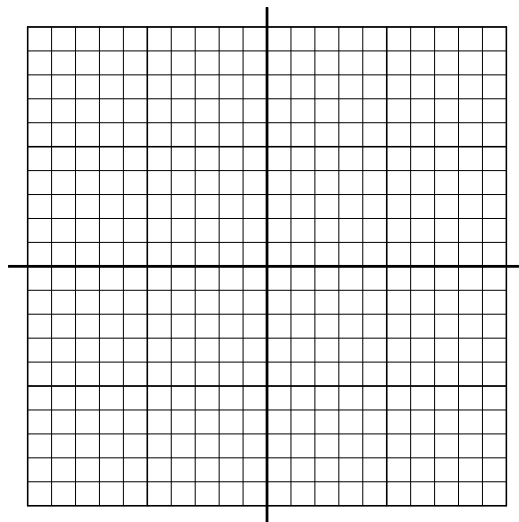
$$y = \sqrt[3]{x - 1} - 5$$



$$y = 2^{x-4} + 2$$

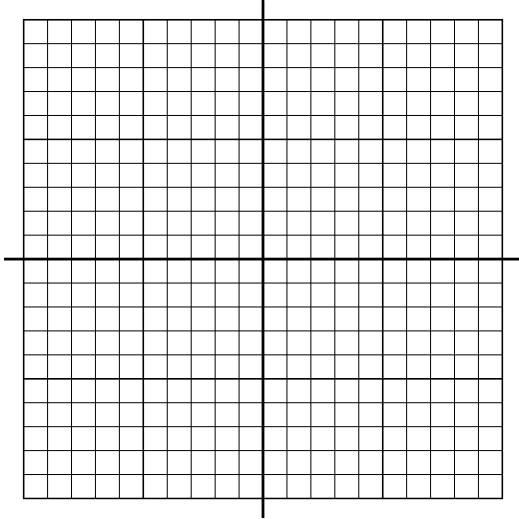


$$y = |x + 4| - 3$$

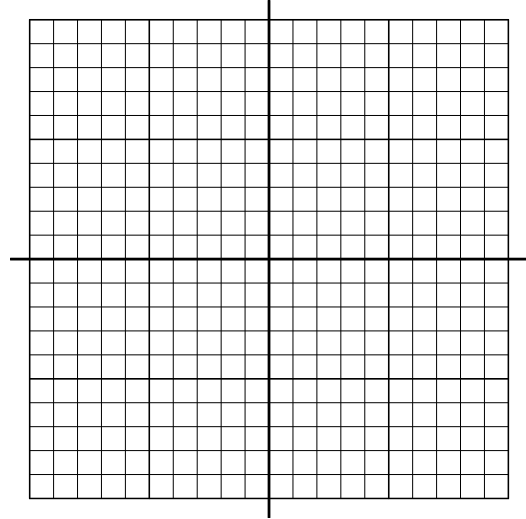


PCW_09_29: Graph Parent Translations (version 0)

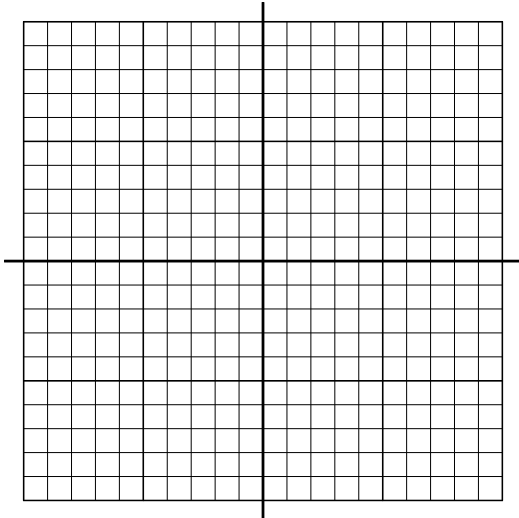
$$y = \frac{1}{x-4} - 2$$



$$y = (x-4)^2 + 3$$



$$y = \log_2(x-4) - 2$$



$$y = \sqrt{x-3} - 2$$

